

REMARKS

This application is a continuation of U.S. Serial Number 08/761,769, filed December 6, 1996, which matured into U.S. Patent Number 6,610,529, which is a continuation-in-part of U.S. Serial Number 08/473,789, filed June 7, 1995. The present application was filed to receive consideration in the USPTO of additional embodiments disclosed and/or restricted in the parent application.

Rather than substantially amend the existing claim set, Applicant has cancelled Claims 1-60 herein and submits new Claims 61-107. The claims have been amended to more particularly point out and distinctly claim the additional inventive embodiments of the present invention, and to incorporate claim language/terminology that was found allowable in the prosecution of the parent application, now U.S. Patent No. 6,610,529. The following chart illustrates the support for each new claim with reference to an original claim or claims, or to particular passages of the specification.

New Claim number (introduced herein)	Former Claim Number(s)	Specification Support (U.S. Appln. Serial No. 08/761,769)
61	1	Also incorporates allowable claim language from the parent application, support for which is found on pages 6 (and/or) and 17-23 (further defining the "essential gene")
62	2	
63	3	
64	4	
65	5	
66	8	
67	11	
68	15	
69	16	
70	17	
71	18	
72	19	
73	20	
74	21	
75	22	
76	23	
77	31	
78	32	
79	35	
80	36	

New Claim number (introduced herein)	Former Claim Number(s)	Specification Support (U.S. Appln. Serial No. 09/721,609)
81	46	
82	47	
83	48	
84	49	
85	50	
86	51	
87	52	
88	1	Also incorporates allowable claim language from the parent application, support for which is found on pages 6 (essential gene only version) and 17-23 (further defining the "essential gene")
89	50	
90	4 & 18	
91	20	
92	17	
93	18	
94	19	
95	21	
96	3	Page 39, lines 15-26
97	31	
98	41	
99	53 & 1	
100	54	
101	55	
102	58	
103		Paragraph bridging pages 42 – 42
104		Page 17, lines 1 - 25
105		Page 17, line 26 through page 23, line 24
106		Pages 18 - 20
107		Pages 18 - 21

No fees are believed to be due; however, the Commissioner is specifically authorized to charge any fees deemed to be necessary in connection with the filing of this paper or any of the accompanying papers to Deposit Account 50-0268.

Entry of the foregoing amendments and examination of the claims as amended are requested.

Respectfully submitted,



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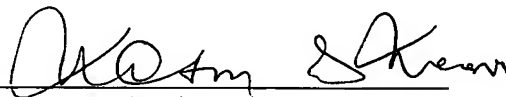
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CERTIFICATE OF MAILING

The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail under 37 CFR §1.8, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

June 15, 2004

Date



Nasim Memon